Earthdata UTC Meeting 12.22.2015

- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search
    - CMR/ECHO System Status
    - CMR Release Status
    - Earth Data Search Release Status
    - ECHO/Reverb Release Status
    - Upcoming PMs
- 7. GIBS
- 8. Worldview
- 9. Open Floor
- ACTIONS from last meeting:

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1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
    - MODAPS - MODAPSNRT3 - will be moved to production in early 2016
    - ORNL - Testing new distribution files (THREDDS) in EMS UAT
    - GHRC - Adding AMSR2NRT to EMS - testing in EMS UAT
    - ECS 8.3.8 (Timezone Update)
        - EMS Production has been updated to support ECS 8.3.8. Data providers will need to
          coordinate with the EMS team when they are ready to transition operations to the new build.
        - NSIDC - deployed to TS1 (UAT) environment. Testing continues in EMS UAT
        - LARC ASDC - TBD

3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on** Wiki
- **DAAC On-boarding Status and Integration Schedule can be found on** Wiki
    - Please get in touch (Peter Smith or Stanley Stewart) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
    - Current Sprint 2.62
    - In Production(Release 4.42)

Sprint Status

Sprint	Start Date	Release	UAT Date	OPS Date
2.62	14 Dec 2015	4.44	2016	2016
2.61	30 Nov 2015	4.43	17 Dec 2015	2016
2.60	16 Nov 2015	**4.42**	03 Dec 2015	10 Dec 2015
2.59	02 Nov 2015	4.41	19 Nov 2015	25 Nov 2015

Release 4.44 Tickets

– NONE --

Release 4.43 Tickets

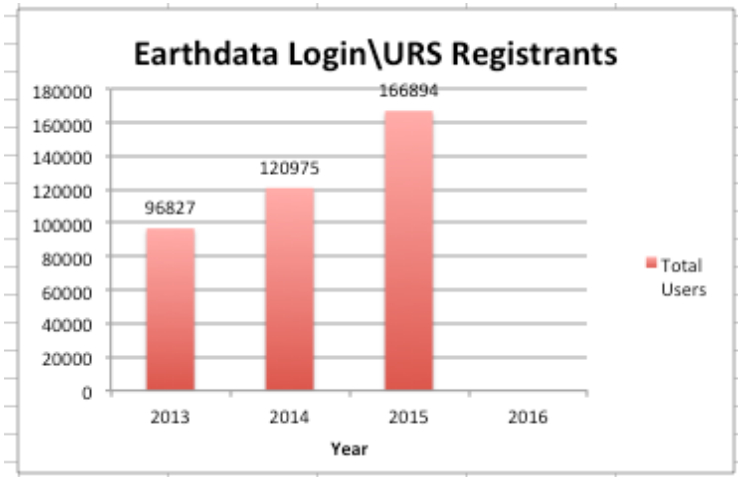
URSFOUR-610 - Provide an option for cookie-based session in the Apache URS Auth module

Release 4.42 Tickets

URSFOUR-607 - Provide process for migrating users between URS environments.

URSFOUR-601 - Provide the requirements of the username on Earth Data Login Page

Earthdata Login URS Registered Users



4. Earthdata

Brett McLaughlin Mark Reese

- Deployed Status App to SIT
- New custom widget builder for Conduit
- Conduit performance enhancements
- Updated Earthdata homepage News & Events section

Recent Sprint Tickets

T	Key	Summary	Assignee	P	Status	Epic Link
	ECON-658	Certain images don't show up in conduit_web when selected as background images.	Nathan Clark		READY FOR TEST	Background Selection
	DOWN-35	Add public API docs to the Status app REST API.	Maitreyee Pasad		READY FOR TEST	Client Applications
	DOWN-36	Build banner styles into the JS widget for sites that don't use EUI.	Maitreyee Pasad		READY FOR TEST	Client Applications
	ED-1469	Use Google Analytics to track number of requests to each version of deployed EUI	Nathan Clark		READY FOR TEST	EUI Metrics
	ED-1346	Update News & Events design (ED)	Nathan Clark		READY FOR TEST	News & Events Enhancements
	ECON-566	As an Author, I can create a "Link List" gadget with a set of curated links to ED and external pages.	Nathan Clark		COMPLETED	Sidebar Customization
	ECON-567	As an Author, I can add a "Link List" gadget to the sidebar of an Article, Basic Page, or News Item.	Nathan Clark		READY FOR TEST	Sidebar Customization
	DOWN-38	Deploy Status 1.1.0 to SIT	Nathan Clark		COMPLETED	
	DOWN-39	Deploy Status 1.1.0 to UAT	Nathan Clark		COMPLETED	
	DOWN-40	Deploy Status 1.1.0 to Ops	Nathan Clark		COMPLETED	
	ECC-941	image icons on ECC projects are not showing up	Nevin Apondo		READY FOR TEST	
	ECC-943	The ECC should verify that it can access all of the COTS APIs.	Nevin Apondo		READY FOR TEST	
	ECON-191	All uploaded files should be virus scanned automatically.	Srikanth Davu		READY FOR TEST	
	ECON-633	Refactor the parent/child hierarchy to avoid excessive queries.	Nathan Clark		COMPLETED	
	ECON-641	Refactor the Library page to use the background-updated model.	Maitreyee Pasad		READY FOR TEST	
	ECON-642	Refactor the sitemap to use the background-updated model.	Maitreyee Pasad		READY FOR TEST	
	ECON-643	Refactor the RSS and Atom feeds to use the background-updated model.	Maitreyee Pasad		READY FOR TEST	
	ECON-664	On Pages in Conduit, Rapid Response and FIRMS are not listed (Earthdata Service Desk)	Nathan Clark		READY FOR TEST	
	ED-1610	Add a "loading" indicator to the end of search results when the next page is being loaded.	Nevin Apondo		READY FOR TEST	
	ED-1617	As a Content Author, I should be able to drag multiple images to the image depot (Earthdata Service Desk)	Nathan Clark		READY FOR TEST	
	ED-1625	As a content author, I expect to be able to add anchor links from the WYSIWYG editor (Earthdata Service Desk)	Nevin Apondo		READY FOR TEST	
	ED-1631	Handle HTTP cache headers for static resources	Nathan Clark		READY FOR TEST	
	ED-1632	Go through all Earthdata Uptrends probes and update/decommission as appropriate.	Nathan Clark		COMPLETED	
	ED-1644	All Featured Pages in Production have been affected by latest push (Earthdata Service Desk)	Nathan Clark		READY FOR TEST	

5. User Support Tool

Stanley Stewart

No Issues:

Recent Metrics

Kayako Tickets for last 12 Weeks

	Closed	In Progress	On Hold	Open	Waiting	Waiting for DAAC	Waiting for User
ASDC	600	6		7		2	
ASF	2						
CDDIS	1						
CMR	3						
ECC	35			6			
ECHO	25					1	
EMS				1			
ESDIS Management	1						
Earthdata	46	1			1		
Earthdata Search	31						
FIRMS	31						
GCMD	33			2			
GES-DISC	4			1			
GHRC	16			2		1	
GIBS	3						
JAMA				3			
LANCE	5						
LPDAAC	305		14	3	4	1	
MMT	6			1			
MODAPS				1			

NSIDC	1			3			
OB.DAAC	2						
ORNL DAAC	17			2			
PO.DAAC	36	2		6		1	1
PO.DAAC Forum	1						
Rapid Response	6						
Reverb	36			1			
Sea Level Change				2			
Testing	41						
Tophat				1			
URS	309	1	1				
UST Staff	1						
UUI	3	3		1			
Worldview	31			2			
Totals (1716)	1631	13	15	45	5	6	1

Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting	Waiting for DAAC	Waiting for User
ASDC	15	2		5			
ASF	1						
CDDIS	1						

ECC	3						
ECHO	7						
EMS				1			
ESDIS Management	1						
Earthdata	3						
Earthdata Search	4						
FIRMS	1						
GCMD	4			3			
GES-DISC	2						
GHRC	2			2		1	
GIBS	1						
JAMA				1			
LPDAAC	62		8	3	5	2	
MMT	1			1			
MODAPS							1
NSIDC				2			
ORNL DAAC	4						
PO.DAAC	9			4			1
PO.DAAC Forum	1						
Rapid Response	1						
Reverb	15			4			
Sea Level Change				1			
URS	86	1		2			
UUI				1			

Worldview	8			2			
Totals (285)	232	3	8	32	5	3	2

6. CMR/ECHO/Earthdata Search

Doug Newman

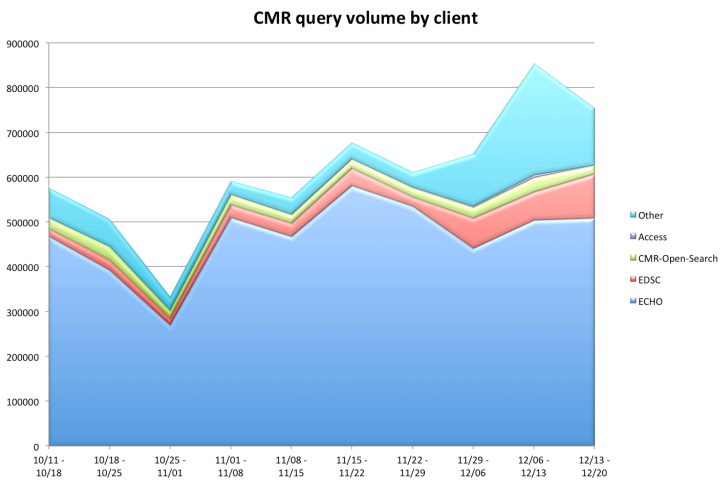
CMR/ECHO System Status

System Issues

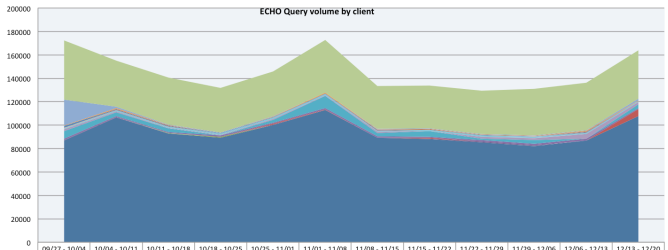
- No issues.

Recent Metrics

CMR client usage

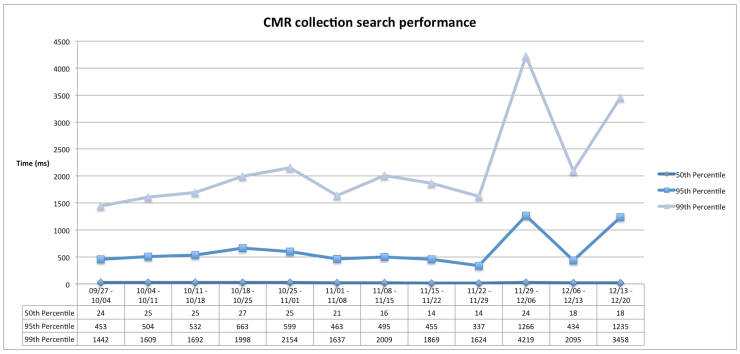


ECHO Client Usage

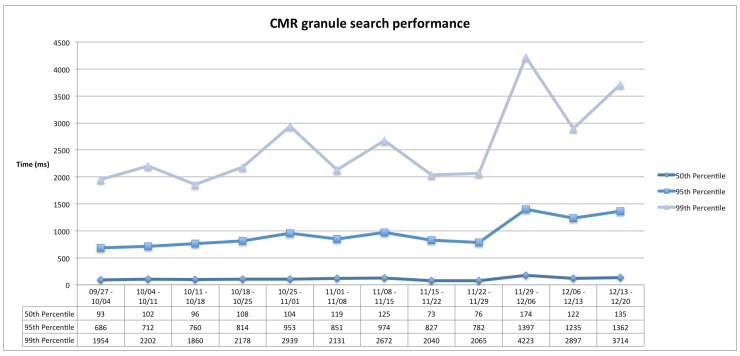


	09/27 - 10/04	10/04 - 10/11	10/11 - 10/18	10/18 - 10/25	10/25 - 11/01	11/01 - 11/08	11/08 - 11/15	11/15 - 11/22	11/22 - 11/29	11/29 - 12/06	12/06 - 12/13	12/13 - 12/20
Other	50241	39339	40424	38071	38316	45017	36586	36568	37090	39769	40440	41263
LPDAAC2DiskCLI	22134	1190	195	62	271	86	252	295	373	328	567	1363
LPDAAC2Disk	464	686	497	298	598	534	514	461	337	387	523	459
AUTOMOD	1671	587	473	257	256	354	548	164	310	274	716	92
CSWSoap	0	0	0	0	0	0	0	0	0	0	0	0
CrtApiUi	189	531	209	150	150	156	176	157	150	159	143	0
UAH	35	35	35	35	32	39	32	35	35	35	35	35
CRT	991	1053	1125	1047	960	1087	1013	1129	1031	995	1083	956
PUMP	1714	728	659	412	1077	589	881	239	1438	1973	4337	1941
CWICTest	0	0	0	0	0	0	0	0	0	0	0	0
AVAPC	6196	3098	3098	0	2216	10315	3098	4647	1549	3098	0	3098
Worldview	1184	808	900	1111	997	1358	1015	913	922	1094	1318	941
GSFCS4PA	73	46	56	38	47	37	35	55	39	34	41	55
GESDISC	56	28	0	14	770	219	0	547	0	27	29	5848
CWICSOAP	0	0	0	0	0	0	0	0	0	0	0	0
GMUCWICWrapper	468	271	204	225	269	176	215	362	808	680	178	174
GMU	0	0	0	603	0	0	0	0	0	0	0	0
Reverb	86779	106707	92855	89267	100067	112747	89095	88251	85287	82136	86762	107527

CMR Query Performance



	09/27 - 10/04	10/04 - 10/11	10/11 - 10/18	10/18 - 10/25	10/25 - 11/01	11/01 - 11/08	11/08 - 11/15	11/15 - 11/22	11/22 - 11/29	11/29 - 12/06	12/06 - 12/13	12/13 - 12/20
50th Percentile	24	25	25	27	25	21	16	14	14	24	18	18
95th Percentile	453	504	532	663	599	463	495	455	337	1266	434	1235
99th Percentile	1442	1609	1692	1998	2154	1637	2009	1869	1624	4219	2095	3458



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50th Percentile	93	102	96	108	104	119	125	73	76	174	122	135
95th Percentile	686	712	760	814	953	851	974	827	782	1397	1235	1362
99th Percentile	1954	2202	1860	2178	2939	2131	2672	2040	2065	4223	2897	3714

CMR Release Status

In Production/UAT: 1.40

CMR-2283
As a Client User, I want Ingest to reject my collection if a version is not specified

CMR-2275
When generating XML in DIF 10 format for a DIF 9 record, schema path does not appear in xml

CMR-2258
Sporadic poor performance for collection queries

CMR-2257
Some records are not being translated to UMM JSON

CMR-2254
Search API doesn't find DIF 9 when instrument is used as parameter

CMR-2250
Elasticsearch execution exception in UAT

CMR-2155
As a Client User, I want to be able to retrieve a single collection in a specified metadata format that was ingested as UMM JSON

CMR-2154
As a Client User, I want to be able to retrieve metadata search results for collections ingested as UMM JSON.

CMR-2153
As a Client User, I want to be able to search for collections that were ingested in UMM JSON

CMR-2061
As an Ingest User, I want the CMR to validate that a collection update does not modify a field referred to by existing granules

CMR-1988
OMI/AURA Virtual Product has incorrect short name

CMR-1796
Not able to insert multiple versions of a single DIF10 (version 003 and 004) using CMR SIT API

Earth Data Search Release Status

In Production/UAT: 1.7

EDSC-844
Reformatting Failing for Earthdata Search (Earthdata Search)

EDSC-843
Forward query params from landing page

EDSC-832
As a service developer, I want the EDSC SIT instance to point to SIT services by default so I may test new service features

EDSC-825
Temporal filter does not apply to granules outside of temporal range search

ECHO/Reverb Release Status

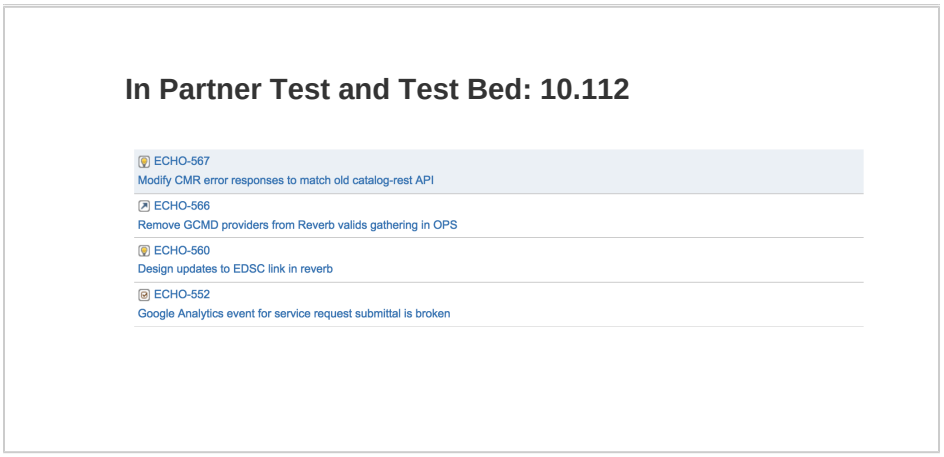
In Operations: 10.111

ECHO-563
Using newInstance() on JAXBContexts instead of singleton may be causing classloader leaking issues.

ECHO-562
address some incompatibilities in reverb to EDSC query mapping

ECHO-560
Design updates to EDSC link in reverb

ECHO-556
Investigate Java Security Vulnerability in ECHO



Upcoming PMs

23 Dec 2015

- CMR Prod and ECHO Operations OS patching

04 Jan 2016

- ECHO 10.112 to Operations. ECHO 1.113 to Partner Test

7. GIBS

Matthew Cechini

- **New/Planned Products**
  - Landsat WELD - 30m True Color / NDVI
    - Processing sample imagery for June/July 2009.
  - MODIS Collection 6 - Atmosphere & Land Reprocessing
    - Atmosphere - Completed imagery review! Scheduling reprocessing.
    - Land L2 - Waiting on approval from science team and DAACs.
  - AMSR-E Rain - Historical Reprocessing
    - processing latest batch of historical imagery
  - BEDI Activities - Actively reviewing sample imagery for the following instruments:
    - SST/Chlorophyll - OBPG
    - RSS - GHRC
- **GIBS New Production Release**
  - Performing full integration and performance testing
  - Planning/executing formal tests for of SIPS, WMS/CMR, & FTP imagery handlers

8. Worldview

Taylor Gunnoe

9. Open Floor

Happy Holidays!

Next meeting is January 5.

Special Topic on January 5.

ACTIONS from last meeting:

Research the following use cases for Earthdata Service Desk:

1. As a Service Desk ticket reporter, I want to be able to see who is 'watching' my service desk ticket (i.e., my ESD ticket).

2. As a supervisor or interested party, I want to be able to add myself as a watcher on a service desk ticket written by someone else. (there are permission implications here)

3. As a Service Desk ticket reporter, I want to be able to perform External Verification of a ticket I wrote (and thereby of its corresponding clone). (This applies mainly to ESD tickets that are 'bug' reports, e.g., from the Product-Support page)

4. As a Service Desk ticket reporter, I do not want my ticket to be Closed unless I have performed an External Verification successfully. (this is a workflow issue)

5. As a Service Desk ticket reporter, I want to be able to comment on my ESD ticket and have that comment flow through to the corresponding back-end ticket.

6. As a person working the back-end clone of a Service Desk ticket, I want to be able to ask questions of the reporter of the corresponding Service Desk ticket (we think that this can be done now by the person working the back-end ticket entering comments in the corresponding ESD ticket. We think that the person working the back-end ticket will know the corresponding ESD ticket number because it is added to the back-end ticket during the cloning process).

STATUS: Wrote tickets in JIRA Service Desk project (JSD-46 through JSD-52).